

Drill-O-Blast

Drill. Blast. Repeat.

 Android  AMW Mining & Allied Services  amwmining.in

Drill-O-Blast is an integrated drill and blast design suite for mobile devices. It handles bench planning, blast hole layout, stemming calculation, and initiation sequence design.

The Challenge

Drill and blast engineers design patterns on paper, calculate parameters manually, and communicate through handwritten notes — leading to inconsistencies between planned and executed blasts.

Our Solution

Drill-O-Blast puts a complete drill and blast design studio in the engineer's pocket — accurate, consistent, and field-ready.

Key Features

Purpose-built capabilities for the mining industry



Bench Planning

Interactive bench design with face mapping, crest/toe profiling, and height measurement tools.



Blast Hole Layout

Pattern generation with staggered/row configuration, burden/spacing optimization, and hole depth calculation.



Stemming Calculation

Optimal stemming height computation based on burden, hole diameter, and explosive type.



Initiation Sequence

Delay timing design, connectivity diagram generation, and misfire risk analysis.



PDF Generation

Professional blast design sheets with diagrams, calculations, and field instructions for the blasting crew.



Design Library

Save and recall blast designs by bench, face, and geological condition for repeatable quality.



Impact & Results

Measurable outcomes from real mining operations

3x

Faster design process

99%

Design accuracy

Consistent

Pattern quality

PDF-ready

Field instructions

Ideal For

- ✓ Blast engineers in the field
- ✓ Large opencast mines
- ✓ Contract blasting companies
- ✓ Training institutions

**Ready to Transform Your Mining
Operations?**

Contact us for a live demo and see how Drill-O-Blast can work for your mine.

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